

Number	Recommendation Name	Edition Number in force	Date Originally Approved	Date of Latest Revision	Standard	Standard - Subsidiary
	MARITIME BUOYAGE SYSTEM and Other Aids to Navigation	Second Edition	déc-80	mars-10	AtoN Planning and Service Delivery	Maritime Buoyage System
A-123	The Provision of Shore Based Automatic Identification System (AIS)	Ed 2	déc-02	juin-07	AtoN Planning and Service Delivery	AIS, AIS AtoN, Virtual AtoN
A-124	The AIS Service	Ed 2.1	déc-02	déc-12	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 0	References, Glossary of terms and Abbreviations	Ed 1	déc-12	déc-12	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 1	Basic AIS Services, AIS Data Model and AIS Service specific MDEF sentences	Ed 1	déc-11	déc-11	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 3	Distribution model	Ed 1	déc-12	déc-12	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 4	Interaction and Data Flow Model of the AIS service	Ed 1	déc-11	déc-11	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 5	Interfacing model of the AIS Service	Ed 1	déc-11	déc-11	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDICES 9/10/11	Functional Description of the AIS Service components (AIS-PCU, AIS-LSS & AIS-SM)	Ed 1	déc-12	déc-12	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 12	Co-location issues at AIS Physical Shore Stations (AIS-PSS) and on-site infrastructure considerations	Ed 1	déc-12	déc-12	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 14	FATDMA Planning and Operation of an AIS Service	Ed 2	déc-08	déc-12	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 16	DGNSS Broadcasts from an AIS Service	Ed 2	déc-08	déc-11	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 17	Channel Management by an AIS Service	Ed 1	déc-11	déc-11	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 18	VDL Load Management	Ed 1	déc-11	déc-11	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-124 APPENDIX 19	Satellite AIS Considerations	Ed 1	déc-11	déc-11	Digital Communications	Terrestrial VHF and above, including VDES & AIS
A-126	The Use of the Automatic Identification System (AIS) in Marine Aids to Navigation Services	Ed 1.5	mai-04	juin-11	AtoN Planning and Service Delivery	AIS, AIS AtoN, Virtual AtoN
E-105	The Need to Follow National and International Standards	Ed 1	juin-98	juin-98	AtoN Planning and Service Delivery	Obligations, International & national
E-106	The Use Of Retroreflecting Material On Aids To Navigation Marks Within The IALA Maritime Buoyage System	Ed 1.1	juin-98	déc-05	Visual AtoN and Sound Signalling	Vision, Colour, Conspicuity, Rhythmic characters
E-107	Moorings for Floating Aids to Navigation	Ed 2	déc-05	mai-09	Visual AtoN and Sound Signalling	Floating AtoN
E-108	The Surface Colours used as Visual Signal on Aids to Navigation	Ed 3	juin-98	mai-13	Visual AtoN and Sound Signalling	Vision, Colour, Conspicuity, Rhythmic characters
E-109	The Calculation Of The Range Of A Sound Signal	Ed 1	juin-98	juin-98	Visual AtoN and Sound Signalling	Range and performance
E-110	The Rhythmic Characters of Lights on Aids to Navigation	Ed 3	juin-98	juin-12	Visual AtoN and Sound Signalling	Vision, Colour, Conspicuity, Rhythmic characters
E-111	Port Traffic Signals	Ed 1.1	juin-98	déc-05	AtoN Planning and Service Delivery	Offshore signals, Bridge signals, Traffic signals
E-112	Leading Lights (*including Leading Line Design Program ver 2.02)	Ed 1.1	juin-98	déc-05	Visual AtoN and Sound Signalling	Leading lines, Others
E-141	Standards for Traning and Certification of AtoN Personnel	Ed 3	déc-09	mai-15	Traning and Certification	Traning and assesment
E-142	Maritime Data Sharing 'IALA-NET'	Ed 1	déc-09	déc-09	Information Service	IALANET
E-200-0	Marine Signal Lights Part 0 - Overview	Ed 1	déc-08	déc-08	Visual AtoN and Sound Signalling	Range and performance
E-200-1	Marine Signal Lights Part 1 - Colours	Ed 1	déc-08	déc-08	Visual AtoN and Sound Signalling	Range and performance
E-200-2	Marine Signal Lights Part 2 - Calculation, Definition and Notation of Luminous Range	Ed 1	déc-08	déc-08	Visual AtoN and Sound Signalling	Range and performance
E-200-3	Marine Signal Lights Part 3 - Measurement	Ed 1	déc-08	déc-08	Visual AtoN and Sound Signalling	Range and performance
E-200-4	Marine Signal Lights Part 4 - Determination and Calculation of Effective Intensity	Ed 1	déc-08	déc-08	Visual AtoN and Sound Signalling	Range and performance
E-200-5	Marine Signal Lights Part 5 - Estimation of the Performance of Optical Apparatus	Ed 1	déc-08	déc-08	Visual AtoN and Sound Signalling	Range and performance
e-NAV-140	The Architecture for Shore-based Infrastructure 'fit for e-Navigation'	Ed 2	déc-09	mai-15	Information Service	Harmonised Connectivity Framework
e-NAV-144	Harmonized implementation of Application Specific Message (ASM)	Ed 1	juin-11	juin-11	Information Service	Application Specific Messages
e-NAV-146	Strategy for Maintaining Racon Service Capability	Ed 1	déc-11	déc-11	Radionavigation Services	Microwave systems, including radar beacons & reflectors
e-NAV-147	Product Specification Development and Management	Ed 1.0	mai-15	mai-15	Information Service	Registry(S-200)
O-104	Off Station' Signals for Major Floating Aids	Ed 2	juin-98	juin-12	AtoN Planning and Service Delivery	Obligations, International & national Criteria
O-113	The Marking of Fixed Bridges and Other Structures over Navigable Waters	Ed 2	juin-98	déc-11	AtoN Planning and Service Delivery	Offshore signals, Bridge signals, Traffic signals
O-118	The Recording of Aids To Navigation Positions	Ed 1.1	juin-00	déc-05	AtoN Planning and Service Delivery	Quality Management, Record keeping
O-130	Categorisation and Availability Objectives for Short Range Aids to Navigation	Ed 2	déc-04	juin-11	AtoN Planning and Service Delivery	Levels of service objectives, Availability and Categories
O-132	Quality Management for Aids to Navigation Authorities	Ed 2.1	déc-05	déc-13	AtoN Planning and Service Delivery	Quality Management, Record keeping
O-134	The IALA Risk Management Tool for Ports and Restricted Waterways	Ed 2	mai-06	mai-09	AtoN Planning and Service Delivery	Risk Management
O-138	The Use of GIS and Simulation by Aids to Navigation Authorities	Ed 1	déc-07	déc-07	AtoN Planning and Service Delivery	Risk Management
O-139	The Marking of Man-Made Offshore Structures	Ed 2	déc-08	déc-13	AtoN Planning and Service Delivery	Offshore signals, Bridge signals, Traffic signals
O-143	Provision of Virtual Aids to Navigation	Ed 1.1	juin-10	mai-13	AtoN Planning and Service Delivery	AIS, AIS AtoN, Virtual AtoN
P-137	Quality Management for Competent Pilotage Authorities and Pilotage Service Providers	Ed 1	déc-07	déc-07	AtoN Planning and Service Delivery	Quality Management, Record keeping
R-101	Marine Radar Beacons (racons)	Ed 2	déc-94	déc-04	Radionavigation Services	Microwave systems, including radar beacons & reflectors

R-115	The Provision Of Maritime Radionavigation Services In The Frequency Band 283.5-315 kHz In Region 1 and 28	Ed 1.1	déc-99	déc-05	Radionavigation Services	Terrestrial systems including DGNSS, radio beacon, R-mode
R-121	The Performance and Monitoring of DGNSS Services in the Frequency Band 283.5 - 325 kHz	Ed 2.0	juin-01	mai-15	Radionavigation Services	Terrestrial systems including DGNSS, radio beacon, R-mode
R-129	GNSS Vulnerability and Mitigation Measures	Ed 3	déc-04	déc-12	Radionavigation Services	Satellite systems, including GNSS, SBAS
R-135	The Future of DGNSS	Ed 2	nov-06	déc-08	Radionavigation Services	Terrestrial systems including DGNSS, radio beacon, R-mode
V-102	The application of the 'User Pays' principle to Vessel Traffic Services	Ed 1.2	juin-98	déc-11	VTS Implementation and Operations	Operating Principles and Procedures
V-103	Standards for Traning and Certification of VTS Personnel	Ed 2.1	juin-98	déc-13	Traning and Certification	Traning and assesment
V-119	The Implementation of Vessel Traffic Services	Ed 2	déc-00	déc-09	VTS Implementation and Operations	Operating Principles and Procedures
V-120	Vessel Traffic Services in Inland Waters	Ed 2	juin-01	déc-13	VTS Implementation and Operations	Operating Principles and Procedures
V-125	The use and presentation of symbology at a VTS Centre	Ed 3	juin-03	juin-12	VTS Implementation and Operations	Presentation, Symbology (for the VTS operator)
V-127	Operational Procedures for Vessel Traffic Services	Ed 2	mai-04	juin-11	VTS Implementation and Operations	Operating Principles and Procedures
V-128	Operational and Technical Performance of VTS Systems	Ed 4	juin-04	mai-15	VTS Implementation and Operations	Operating Principles and Procedures
V-136	Participation in the World VTS Guide	Ed 1.0	déc-07	déc-07	AtoN Planning and Service Delivery	Quality Management, Record keeping
V-145	The Inter-VTS Exchange Format (IVEF) Service	Ed 1	juin-11	juin-11	Digital Communications	Information exchange systems, including Inter-VTS exchange